Pushpit
Programmer Analyst

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TECHNICAL SKILLS

.NET Framework, C#, ASP.NET, MVC, Entity Framework, ADO.NET, Python, OOP, HTML, CSS, JavaScript, Bootstrap, jQuery, LINQ, SQL Server, MySQL, Cloud Computing, AWS Services, Azure Services, Regression & Classification Machine Learning, ML Alogrithms, Web-APIs, Git, GitHub, GitHub Co-pilot, Generative-AI, C++, Linux commands, Linux File System, System Administration, IP Addresses, Subnetting.

EXPERIENCE

Application Developer, Fulfilment IT Systems – Cognizant, India   **July 2023 – Present**
- Developed a batch-processing system to extract latest employee resumes from a content management system and place them in a SFTP.
- Implemented a ASP.NET Web-API and migrated a WCF Service to APIGEE Framework, which improved the performance by 30%.
- Redesigned our web-application that involved major UI changes and a complete overhaul of backend logic through stored procedures.
- Followed SSDLC best practices that resulted in code with minimal vulnerabilities in all sprints, reducing issues in production by 10%.
- Regularly participated in Scrum activities using Azure DevOps for timely completion of development, testing or impact analysis tasks.

Certified Skill Development Academy, Intern – Cognizant, India   **Mar 2023 – July 2023**
- Learnt Software Engineering basics and SDLC methods including Agile Methodology, Waterfall, Iterative and Incremental models.
- Implemented Version Control using Git and performed operations like add, push, pull, clone, merge, branch, rebase.
- Used frontend technologies like HTML, CSS, JavaScript, jQuery, Bootstrap to develop Responsive Web Applications.
- Programming using C# to read, write, execute and debug programs using OOP techniques like Inheritance and Polymorphism.
- Worked with data access technologies like ADO.NET, Entity Framework to create data-oriented apps using code-first workflows.
- Queried data using LINQ query syntax and extension methods in ASP.NET web applications using MVC architecture.

Python Developer, Trainee – Brainnest, India   **Feb 2023 – Mar 2023**
- Learnt Python basics such as datatypes and built-in data structures like lists, tuple, dictionaries and implemented them in programs.
- Developed Python projects such as Hangman, Weather App using Python's GUI Tkinter library and OpenWeatherMap API.
- Gained knowledge on concepts such as decorators, generators, classes, regex, lambda functions and worked with text and csv files.
- Implemented unit testing using Python's unittest module for various test cases.

AWS re/Start Program, Trainee – iPrimed, India   **Sep 2021 – Dec 2021**
- Designed secure, high-performing, cost-effective, highly available and scalable systems by using AWS services according to best practices defined in AWS well-architected framework and Cloud Adoption framework.
- Learnt various AWS services including but not limited to EC2, VPC, IAM, CloudTrail, Trusted Advisor, CloudFormation and more.
- Gained knowledge on different areas like deployment automation using Cloud Formation, Monitoring & Logging using cloud watch, cloud trail, DevOps process like CI/CD, Configuration Management tools like GIT.
- Explored different AWS database services like RDS and Dynamo DB. Learnt Python basics and applied it with server less services like AWS Lambda.

EDUCATION
- **B. Tech in Civil Engineering,** Manipal Institute of Technology (MAHE), Manipal-Karnataka, 2017 – 2021   **8.47 CGPA**
- **Highschool (12th Board CBSE),** Army Public School No.2, Roorkee-Uttarakhand, 2016 – 2017   **84.8%**

PROJECTS

To-do List Web-Application, ASP.NET, MVC Application, India   **Jun 2023**
- Developed an end-to-end MVC web-app to help users organize and prioritize their work to maximize productivity.
- Used Entity Framework to perform code-based migrations and store user data in SQL Server. 1 admin exists to monitor users.
- Users can perform basic CRUD operations, track their task completion, add images as tasks and schedule tasks.

Flight Fare Prediction, Machine Learning, Regression, India   **Jun 2021**
- Developed an end-to-end ML web-app to predict flight fare using python and flask framework.
- Dataset collected from Kaggle. Cleaned, processed, analysed and visualised the data using Pandas, NumPy and Matplotlib.
- Applied Random Forest algorithm to get the best result having MAE of 1229.71. Deployed the model on Heroku platform.

CERTIFICATIONS
- **Azure Fundamentals,** Microsoft, Online Certification, India   **Sep 2023**
- **AWS Certified Cloud Practitioner,** AWS re/Start, iPrimed, India   **Sep 2021 - Dec 2021**
- **Python for Everybody,** Coursera, Online Certification   **Mar 2021**
- **IBM Data Science Professional Certificate,** Coursera, Online Certification   **Dec 2019 – Ongoing**